



NOTE:

1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
3. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

MODIFY FROM PURCHASED PART
Ø375 SHOULDER SCREW x .75 LG.
(SILVER PLATED) 304 SST

01	UPDATED & ADDED DIM'S.	RK			
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE	
REVISIONS					

ITEM	DWG. & ELECTRONIC FILE No	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.		LOG NUMBER A18176	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES		DRAWN BY JERRY GOGOL 1/93		
DECIMALS		CHECKED BY J. CHANG 7/8/93	CHIEF DESIGN ENGINEER D. SHU 7/8/93	TITLE ADVANCED PHOTON SOURCE
ANGULAR		DESIGNER JERRY GOGOL 7/8/93	OP. LEADER T.M. KUZAY 7/8/93	A4 HEAVY LOAD PNEUMATIC LINEAR ACTUATOR 33mm - 8" SHOULDER SCREW MODIFIED
SURFACE ROUGHNESS		RESPONSIBLE ENGINEER J. CHANG 7/8/93	PROJECT MGR	
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		APPROVED/RELEASED	DATE	DRAWING NUMBER P4105090104-810205-01
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ASST 046		MATERIAL SEE ABOVE	SCALE 2=1 SHEET 1 of 1	
MACHINING & TOLERANCING IN ACCORDANCE WITH LATEST ASST 046		SIZE C	DO NOT SCALE DRAWING	

PLOT SCALE: 2=1